

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
Andrea G. Bozzano et al.	)	Atty. Docket No. 107320
	)	
	)	
STAGED PROCESS FOR	)	
PRODUCING LINEAR	)	
2-PHENYL-ALKANES	)	

**SUBMISSION OF INFORMATION IN ACCORDANCE WITH MPEP 609**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) submit herewith documents which they believe may be material to the examination of this application and with respect to which they believe there may be a duty to disclose the existence and contents thereof. These documents are listed on the attached Information Disclosure Statement by Applicant.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission in any manner.

Copies of all listed documents are:

- ☒ attached hereto with the exception of U.S. patents and published patent applications pursuant to the July 11, 2003, notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" signed by Stephen G. Kunin, Deputy Commissioner for Patent Examination Policy.
- ☐ attached hereto unless provided during the prosecution of the parent application, U.S. Serial No. \_\_\_\_\_ filed \_\_\_\_\_
  - ☐ now allowed
  - ☐ and issued as U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

Atty. Docket No. 107320

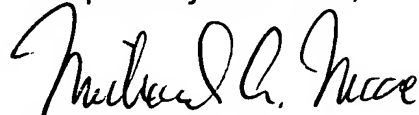
Related Applications:

- ☐ In addition to the documents cited in the specification, applicant wishes to point out copending U.S. application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.
- ☐ This copending application relates to \_\_\_\_\_.
- ☐ The inventive entity is the same.

The owner of the above applications is the same.

Initialing of each document after its consideration by the Examiner is now respectfully requested in this matter.

Respectfully submitted,



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Dated: October 7, 2003

MAM:sb

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTY. DOCKET NO.:	SERIAL NO.:
	107320	
	APPLICANT:	
	Andrea G. Bozzano et al.	
	FILING DATE:	GROUP ART UNIT:

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,301,317	11-17-1981	Young	585	455	11-20-1979
		5,196,574	03-23-1993	Kocal	562	94	12-23-1991
		5,276,231	01-04-1994	Kocal et al.	585	323	07-27-1992
		5,302,732	04-12-1994	Steigleder et al.	554	98	09-14-1992
		5,344,997	09-06-1994	Kocal	568	628	12-14-1992
		5,770,782	06-23-1998	Knifton et al.	585	467	02-08-1196
		5,777,187	07-07-1998	Knifton et al.	585	449	06-12-1996
		5,847,254	12-08-1998	Knifton et al.	585	463	02-08-1996
		6,133,492	10-17-2000	Anantaneni	585	456	10-19-1998
		6,166,281	12-26-2000	Anantaneni	585	449	10-19-1998
		6,521,804	02-18-2003	Marinangeli et al.	585	323	08-24-2001

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION	
								YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION	
								YES	NO
		WO 93/00317	07-1993	PCT	Lee et al.			X	
		WO 99/05082	02-1999	PCT	Scheibel et al.			X	
		WO 99/05084	02-1999	PCT	Scheibel et al.			X	
		WO 99/05241	02-1999	PCT	Scheibel et al.			X	
		WO 99/05243	02-19/99	PCT	Scheibel et al.			X	
		WO 99/07656	02-1999	PCT	Connor et al.			X	
		WO 00/23404	04-2000	PCT	Anantaneni			X	
		WO 00/23405	04-2000	PCT	Anantaneni			X	
		WO 00/23548	04-2000	PCT	Kott et al.			X	
		WO 00/23549	04-2000	PCT	Kott et al.			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

			<i>Handbook of Petroleum Refining Processes</i> edited by Robert A. Meyers, (McGraw-Hill, New York, 2 <sup>nd</sup> Ed., 1997), pp. 1.53 to 1.66 and pp. 5.11 to 5.19.
			Meriaudeau P., et al., "Zeolite based catalysts for linear alkylbenzene production: Dehydrogenation of long chain alkanes and benzene alkylation" <i>Catalysis Today</i> 38 1997 Elsevier Science B.V. pp. 243-247
			Sivasanker, S. et al., "Distribution of Isomers in the Alkylation of Benzene with Long-Chain Olefins Over Solid Acid Catalysts" <i>Journal of Catalysis</i> 138, (1992) pp. 386-390
			Sivasanker, S. et al., "Shape Selective Alkylation of Benzene with Long Chain Alkenes Over Zeolites" <i>New Frontiers in Catalysis: Proceedings of the 10<sup>th</sup> International Congress on Catalysis</i> , July 19-24, 1992, Budapest, Hungary, 1993 Elsevier Science Publishers B.V. Editors: L. Guzzi et al. pp. 397-408
EXAMINER			DATE CONSIDERED

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